

**AMENDMENTS TO THE SPECIFICATION**

Please **replace the specification** with the attached Substitute Specification.

Please **revise the Abstract of the Disclosure** as follows

~~This invention proposes an~~ An indexing method for mapping multiple segments of coded fields in a table structure. ~~This~~ The indexing method can complete resolving address mapping within a short delay, and it has a collision-free characteristic when total bit-width of variation for coded fields is the same as the bit-width of the table. ~~This~~ The method can be used to resolve ~~VPI/VCI~~ Virtual Path Identifier/Virtual Channel Identifier (VPI/VCI) mapping for ~~the ATM~~ Asynchronous Transfer Mode (ATM) technologies.